Amendments to the Specification

Please amend the following paragraphs as shown.

[0026]   In accordance with an embodiment of the invention, the resulting encrypted data stream 214 (a particular example of which is shown in Fig. 3 as a datastream 300) is formed of a number of data packets. The data stream 300 includes a number of control packets 302 used to mark those video data packets that are encrypted (or not encrypted) as the case may be. Each video packet has an associated header 304 that includes, in part, the attribute data described above associated with the **corresponding** video data packet **306**. For example, in the case shown in Fig. 3, the data stream 300 includes data packets for the datastream 110 and the datastream 112 conjoined into the data stream 300 such that the traffic between the video source 202 and the receiver 204 is consistent with a constant link environment.

[0027]   Accordingly, the video source 202 includes a number of buffers 206 each of which is used to buffer an associated one of the video datastreams. Each of the buffers is, in turn, coupled to a multiplexer 208 that is used to select a particular one of the data streams for transmission to a packetizer 210. The packetizer 210 parses the incident data stream into an associated number of data packets by incorporating a packet ID, optionally performing error correction, and attaching a time stamp and any of the attributes deemed important or necessary for the correct reconstruction of the video raster by the receiver **204** ~~404~~. An encryption control generator unit 212 applies an appropriate encryption algorithm to each of the data packets based at least by inserting a control packet that conveys signals such as H_{sync}, V_{sync}, and a particular control character CNTL3 used to flag

those data packets that are encrypted (and conversely those data packets that are not encrypted).

[0029]   It should be noted that in the described embodiment, the data stream 300 is time domain multiplexed, those data packets associated with the datastream 110 have a longer duration than those associated with the data stream 112. In these cases, a time-base recovery (TBR) unit 216 within the receiver 204 regenerates the stream's original native rate using time stamps embedded in the main link data packets, if necessary. Referring back to Fig. 2, at the receiver ~~204~~ 404, a deserializer unit 218 receives the encrypted datastream 300 that provides input to a decoder unit 220 and a depacketizer 222. The decoder 220 decodes the control packet, thus feeding H_{sync}, V_{sync}, and a particular control character CNTL3 provided to a decryption engine 228 that was previously used to for encryption.

[0030] Fig. 4 illustrates a system 400 employed to implement the invention. ~~Computer system~~ System 400 is only an example of a graphics system in which the present invention can be implemented. System 400 includes central processing unit (CPU) 410, random access memory (RAM) 420, read only memory (ROM) 425, one or more peripherals 430, graphics controller 460, primary storage devices 440 and 450, and digital display unit 470. CPUs 410 are also coupled to one or more input/output devices 490 that may include, but are not limited to, devices such as, track balls, mice, keyboards, microphones, touch-sensitive displays, transducer card readers, magnetic or paper tape readers, tablets, styluses, voice or handwriting recognizers, or other well-known input devices such as, of course, other computers. Graphics controller 460 generates analog image data and a corresponding reference signal, and provides both to digital display unit

470. The analog image data can be generated, for example, based on pixel data received from CPU 410 or from an external encode (not shown). In one embodiment, the analog image data is provided in RGB format and the reference signal includes the V_{SYNC} and H_{SYNC} signals well known in the art. However, it should be understood that the present invention can be implemented with analog image, data and/or reference signals in other formats. For example, analog image data can include video signal data also with a corresponding time reference signal.